

Title (en)

GAS SUPPLY ARRANGEMENT OF A MARINE VESSEL AND METHOD OF CONTROLLING GAS PRESSURE IN A GAS SUPPLY ARRANGEMENT OF A MARINE VESSEL

Title (de)

GASZUFUHRANORDNUNG EINES WASSERFAHRZEUGS UND VERFAHREN ZUR STEUERUNG VON GASDRUCK IN EINER GASZUFUHRANORDNUNG EINES WASSERFAHRZEUGS

Title (fr)

SYSTEME D'ALIMENTATION EN GAZ D'UN BATIMENT DE MER ET PROCEDE DE CONTROLE DE LA PRESSION DU GAZ DANS UN SYSTEME D'ALIMENTATION EN GAZ D'UN BATIMENT DE MER

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Application

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Abstract (en)

[origin: WO2005058684A1] Gas supply arrangement (1) for a marine vessel (6) being adapted to carry liquefied gas in its cargo tank (4) having an ullage space section (4.1) and a liquid phase section (4.2), and to utilise the cargo as fuel to provide power for the vessel, the arrangement comprising a first gas supply line (2) which connects an ullage space section (4.1) of the cargo tank (4) and a gas main supply line (7) and which is provided with a compressor (2.1) for raising the pressure of the gas to an adequate level, a second gas supply line (3) which connects liquid phase section (4.2) of the cargo tank (4) and the gas main supply line (7) and which is provided with at least a pump (3.1) for raising the pressure of the liquid gas and for pumping it forward. The second gas supply line (3) is provided with a gas reservoir (3.2) having an ullage space section (3.3) and liquid phase section (3.7), which reservoir (3.2) is connected to the liquid phase section (4.2) of the cargo tank by a first duct section (3.) of the second gas supply line (3) and to the gas main supply line (7) by a second duct section (3.4) of the second gas supply line (3). Invention relates also to corresponding method.

IPC 8 full level

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